

39. An apparatus according to Claim 36 wherein said first and second electrodes comprises a central electrode of a first polarity and a plurality of electrodes of a second polarity encircling said central electrode.

Sub B6 40. An apparatus according to Claim 39 further comprising switching means selectively positionable for connecting alternate opposite pairs of electrodes to said pulse generator.

41. An electrode apparatus for the application of electric fields to a selected portion of a living body, comprising:

an array of multiple electrodes, at least a pair of said electrodes having a needle configuration for penetrating selected tissue for *in vivo* electroporation of cells of the tissue; and

an electric pulse generator for applying pulses of high amplitude electric signals to the electrodes proportionate to the distance between said electrodes for electroporation of cells between said electrodes.

42. An apparatus according to Claim 40 wherein said first and second needle electrodes comprises a pair of tubular needles for inserting into selected tissue, and said electrodes are separable conductors insertable through said needles into said tissue.

### ELECTION OF SPECIES

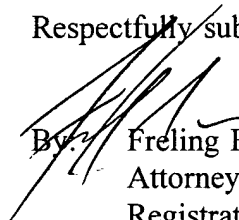
In response to the election requirement Applicant elects the Species of Figs. 3-6.

Claims 36 and 41 are generic to all species.

Claims 1-30, 35, 36, 39-41 and 44 read on the elected species.

No additional fees are due. Please charge any deficit or credit any excess to our Deposit  
Account No. 02-0460.

Respectfully submitted,

  
By: Freling E. Baker  
Attorney for Applicant  
Registration No. 24,078

BAKER, MAXHAM, JESTER & MEADOR  
Symphony Towers  
750 "B" Street, Suite 3100  
San Diego, California 92101

Telephone: (619) 233-9004